

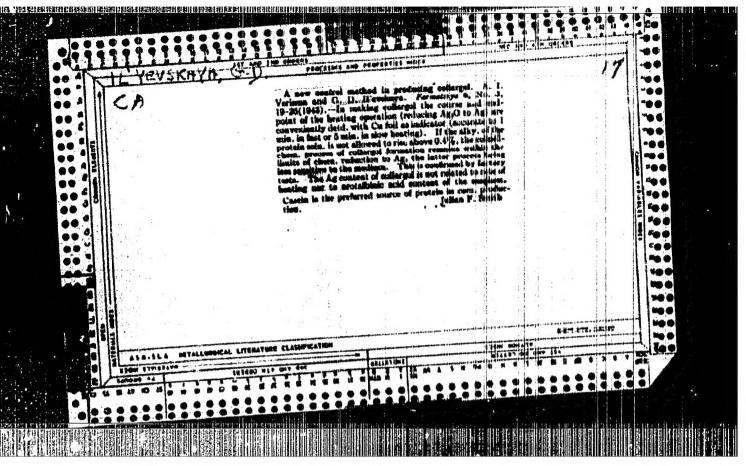
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SOV/2482 PHASE I BOOK EXPLOITATION Il'yevich, Abram Pavlovich, Gandidate of Technical Sciences 25(2);14(2,5) Oborudovaniye zavodov silikatnov promyshlennosti; General Course)
(Equipment for Plants of the Silicate Industry; General Moscow, Gosstroyizdat, 1959. 470 p. Errats slip inserted.
8.000 copies printed. Scientific Ed.: Z.B. Kantorovich; Ed. of Publishing House; G.A. Denina, and E.A. Gurvich; Tech. Eds.: P.G. Gilanson, and L.M. Solntseva. PURPOSE: This textbook is approved by the Ministry of Higher lals of the building meterials of tekhnikums engineers and technicians.

Education for students of useful to engineers and technicians industry. COVERAGE: The book contains basic information on construction and coverage or machinery for mining or design of machinery for mining and drying materials. These includes dressing, measuring, mixing and drying materials. and a marriage Card: 1/19

and air distribution
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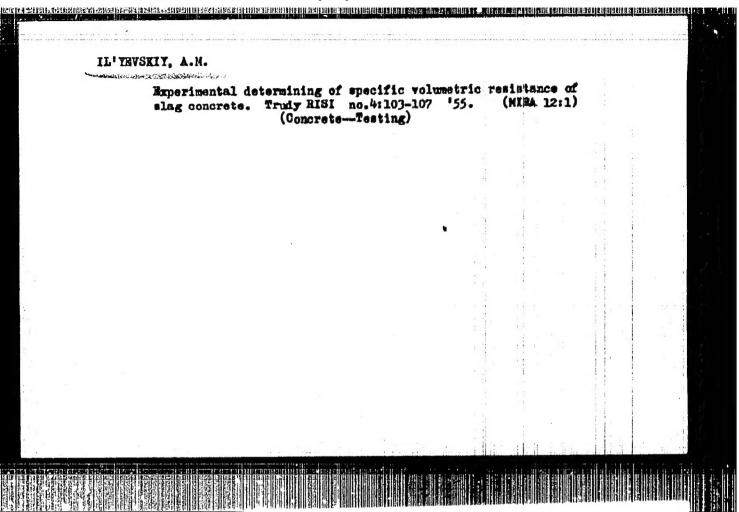
IL YEVSKIY, A. M.

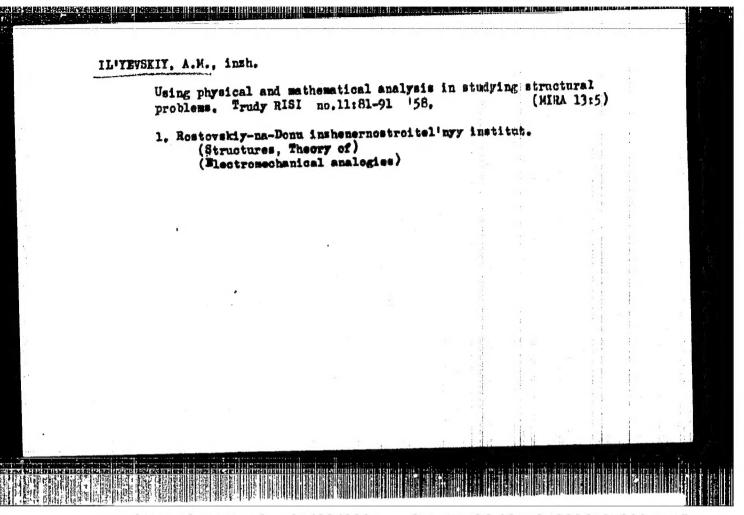
"Investigation of the Phenomena of the Electrical Heating of a Parallelepiped by Means of a Cylindrical Electrode System." Cand Tech Sci, Rostov Construction Engineering Inst, Min Higher Education USSR, Rostov, 1954. (KL, No 2, Jan 55)

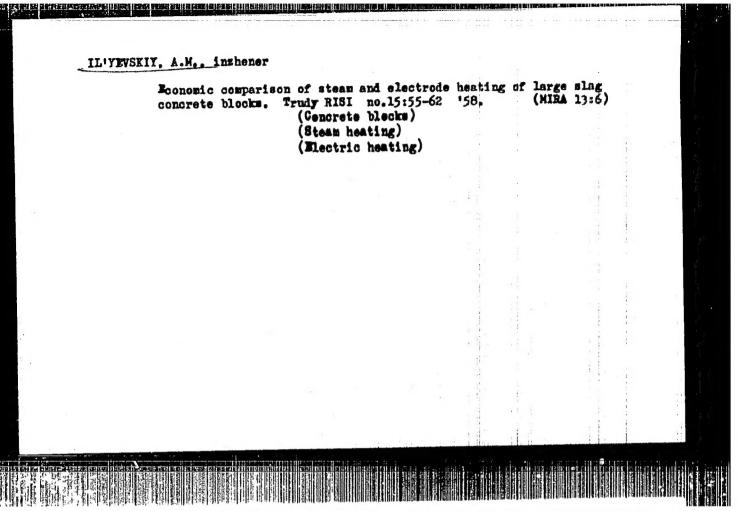
Survey of Scientific and Technical Dissertations Defended at USER Higher Educational Institutions (12)

SO: SUM No. 556. 24 Jun 55

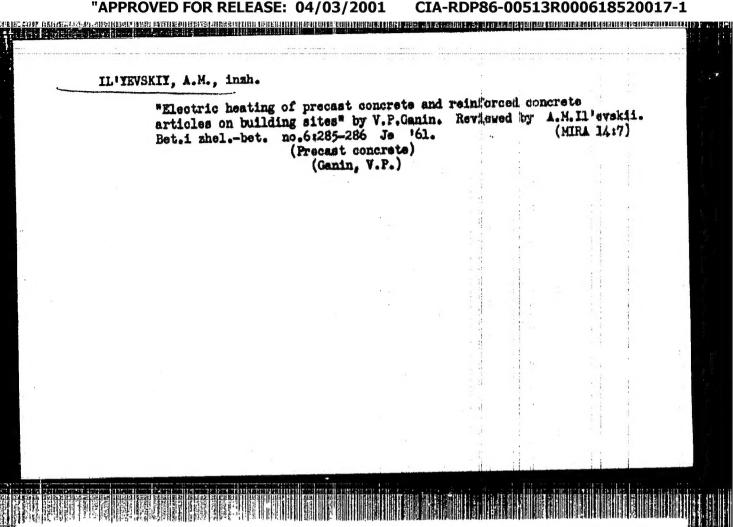
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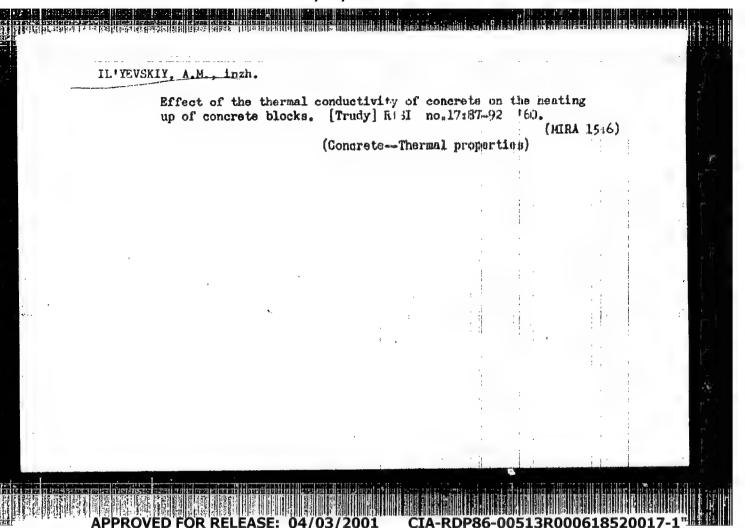


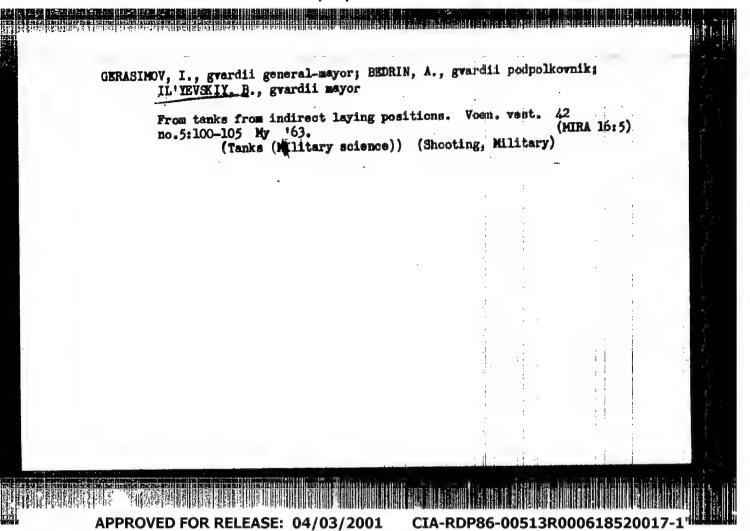


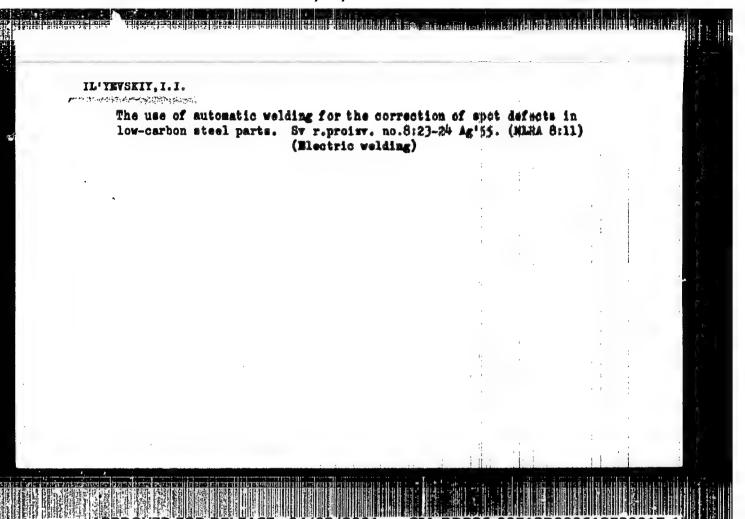


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EAT & EMP(k)/EMP(q'/EAT'm / BDS 1 Bekrebel 11 76 5 (0135, 43 (000, 005, 0021, 0024 AUTHOR: Ilivevskiy, I. I. (Engineer); Kochukov, F. S. (Engineer) GO 1 TITLE: Titanium brazing with rapid heating. No. 150740 W SOURCE. Svarochnoye proizvodstvo, no. 5, 1963, 21-24 TOPIC TAGS: titanium-alloy brazing, molten-salt-bath brazing, dontrolled-ahudsphere brazing, brazing alloy, brazed-joint strength ABSTRACT: Since titanium forms intermetallic compounds with the usual constituents of brazing alloys (Cu. Ag. Ni, etc.), a brittle layer is formed between the base metal and the brazing alloy. It is therefore important to heat the parts to brazing temperatures as rapidly as possible. This can be done with high-fraquency induction heating, which, however, is not always practicable. In a new menthod developed by the authors (Authors: Certificate No. 130740, 16 Jan 1961), the parts to be brazed are placed in a hermetically sealed, thin-walled, stainless-starl container, which is then immersed in a fused-salt (BaCl2) bath. An everymental with of argon is maintained in the container to prevent inleadings of air. Since during Card 1/2

L 11103-63 ACCESSION NR: AP3000966

the operation the container is immersed and upon removal fruit the lath is contain with a salt crust, no excessive exidation occurs, and the survised life of the container exceeds 1000 operations at brazing temperatures up to 10000. The method was used in studying the effect of the heating cycle and the type of brazing allby on the mechanical properties of brazed joints of VTZ-1 Ti alloy [H. II-5.27 All, 1.5-2.5% Cr, 1.0--2.0% Mol. The most satisfactory results were obtained with holiding time of 1 to 2 min. Joints brazed with PSr72LMN brazing allay (12% Ag, 26.5% Cu, 1% Ni, 0.5% Li; brazing temperature, 880C) had a shear strength of 18.5, 15.6, and 13.2 kg/mm2 at 20, 200, and 4000, respectively; the corresponding figures for joints brazed with pure As were 17.4, 12.3, and 8.2 kg/mm #. (All Eligures apply to joints made with a holding time of 2 min at brazing temperaliure.) Joints beared with PSr72IMN alloy had a higher Vickers hardness in the substructeditic layer than those brazed with pure Ag, indicating a greater embrittling affect of Qu. The method can also be used for brazing stainless steels and bent-remissiont allogs, as well as refractory metals, at temperatures up to 1300d. Order, aut. has: 8 figures and 2 tables.

ASSOCIATION: none SUBMITTED: 00 SUB CODE: MA,ML Card 2/2/CM/CAC

DATE ACQ: 11Jun65 NO REF SOV: 000

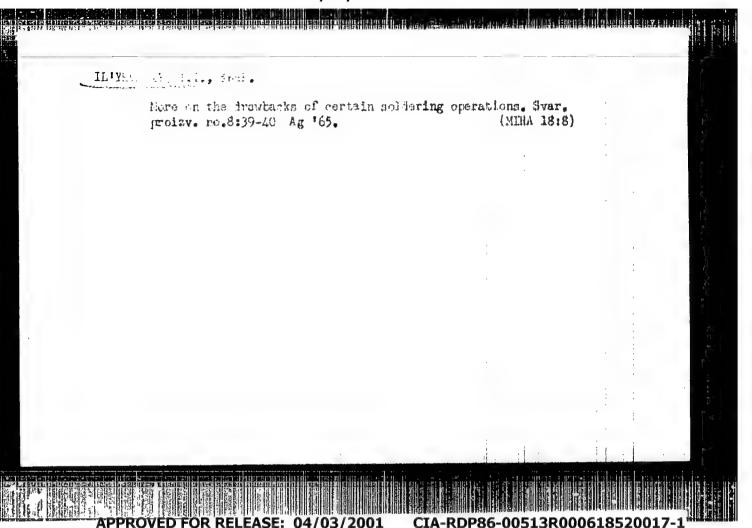
OTHER OF

IL'YEVSKIY, I.I., inzh.

Drawback of research papers on welding. Svar. proisv.
no.5136-39 My '64. (MIRA 18:11)

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1. IL YEVSKIY N. 2. USSR (600)			•		
4. Time Study 7. Indexes of the utilization of manpower, Vest.stat. no.6	, 1952.				
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Monthly List of Russian Accessions, Library of Congress,	Ap	r11.	_1953,	Uncl.	
		! . 			

Il'yevskiy, M. (Khar'kov)

2-2-6/12

AUTHOR:

TITLE:

The Problem of Economic Indexes (K voprosu ob ekonomicheskikh

indeksakh)

PERIODICAL:

Vestnik Statistiki, 1957, # 2, p 49-58 (USSR)

ABSTRACT:

The article deals with the calculation and use of the so called "index of the structural factor" and also with the index without the influence of the structural factor. The problem is examined by means of examples taken from indexes of labor efficiency. Especially developed and currently used is the system of correlated indexes which enable measurement of the influence of individual factors upon the growth of labor efficiency. This system as a whole has been widely acknowledged and does not provoke objections but there exist considerable differences of opinion as to the calculation of the index, characterizing the change in the average labor efficiency at the expense of the structural factor. The latter covers in this case the change in the specific production weight of the enterprises of the different levels of labor efficiency in the total number of workmen. If, for example, in one plant the output per workman equals 100 tons and in the other 80 tons, and the specific production weight of each plant with respect

Card 1/3

The Problem of Economic Indexes

2-2-6/12

to the total number of workmen has changed (in the accounting period compared with the basic one), such a change will be the structural factor influencing the average labor efficiency. The formula for calculating the total index of labor efficiency is taken from a manual of industrial statistics and runs as follows:

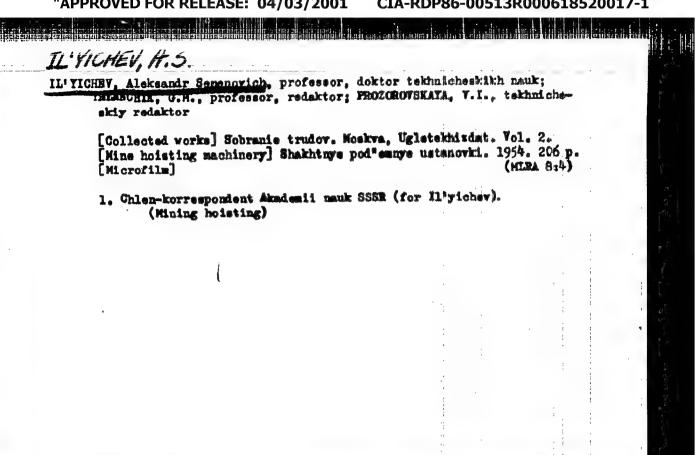
 $I = \frac{\sum d_1 v_1}{\sum d_2 v_2}$

The average labor efficiency in this case is presented as: function of two variables. One of them is the apacific production weight per region expressed by the total number of workmen, designated as "d", the other variable is the output per workman, designated as "v". The average output per workman is presented as the sum of the products of these variables, i.e. as Σ dv, the basic period being Σ dovo and the accounting period Σ dlvj. In cases where the first variable changes, all designations remain the same with the exception of "d" which changes the average output per workman from Z dovo into Edlyo and with a different second variable, the average output per workman changes from \(\Sigma\) dlvo to \(\Sigma\) dlvl. In connection with the

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10.6300

AUTTHOR:

Il'vichev, V.D.

TITLE:

Application of the Euler equations to the theory of flutter of heli-

copter propellers

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 6, 1961, 31, abstract 6 B 166.

(Tr. Mosk. fiz-tekhn. in-ta, 1960, no. 5, 41 - 54)

The author studied the influence of vibrations of the rigid blades TEXT: of helicopter propellers in the plane of chord on the magnitude of critical revolutions of flutter of propellers. He considers the blade to be a rigid body moving about and immovable point under the action of external forces and makes use of the formulation method of the Ruler motion equation. The nonlinear equations of blade motion are linearized assuming that the flutter vibrations are small and superimposed upon given stationary nonlinear motion. Calculating the aerodynamic forces he assumes the profile of each cross section of the blade to be flown cver by a plane-parallel stream and swinging relatively to this stream. The calculations presented show that the blade vibrations in the plane of revolution decrease the critical revolutions of flutter, and the effect mentioned increases with in-

Card 1/2

APPROVED FOR RELEASE: 04/03/2001

28338 B/124/61/000/006/011/027 A005/A130

Application of the Euler equations to the

creasing angle of incidence of the blade and angle of taper. The author also studies the influence on the present effect of a mass concentrated at the blade end.

M. Klynchko

[Abstracter's note: Complete translation.]

Card 2/2

BLAGOSKLONOV, K.N.; IL'YICHEV, V.D.

Reaction of some birds to distress calls. Zool. zhur. 43 no.2:
292-293 '64. (MIRA 17:6)

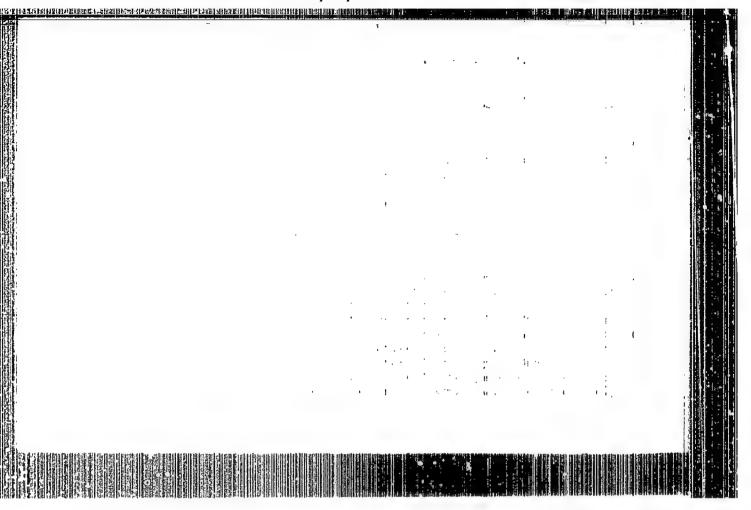
1. Kafedra zoologii pozvonochnykh Moskovskogo gosudarstvennogo universiteta.

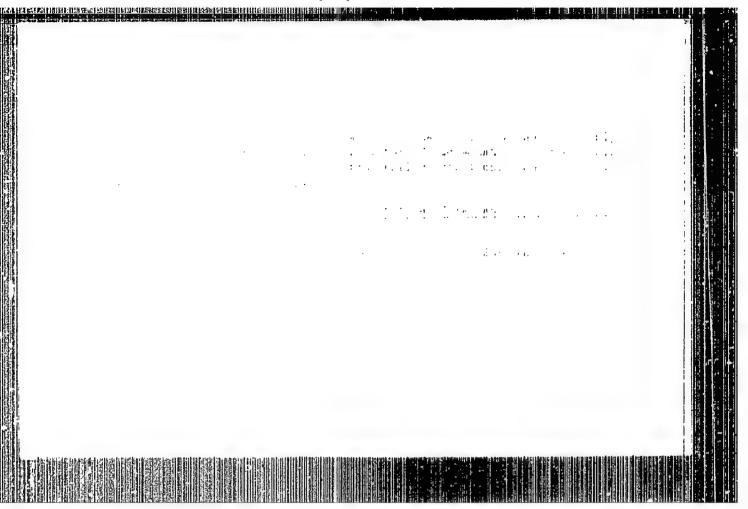
SLOVOKHOTOVA, N.A.; IL'YICHEVA, Z.F.; VASIL'YEV, L.A.; KARGIN, V.A.

Effect of ionized radiation on the structure of polypropylene.

Vysokom. soed. 6 no.4:608-614 Ap '64. (MIRA 17:6)

1. Nauchno-issledovatel'skiy fiziko-khimichaskiy institit imeni L.Ya. Karpova.





APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618520017-1"

MIKHEYEV, V.V.; SHTUL'MAN, D.R.; IL'YINA, N.A.; GALINA, I.V.; KOLOSOVA, O.A.

Amyotrophic lateral sclerosis syndrome in cervical osteochondrosis. Zhur. nevr. i. psikh. 63 no.6:833-840 163. (MIRA 17:6)

1. Klinika nervnykh bolezney (direktor - prof. V.V. Mikheyev) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

FUTINTSEV, V.K.; IL'YINSKIY, G.A.

Upper Faleczoic and Lower Mesozoic granitoids in the northeastern margin of the Bureya Massif. Trudy VSEGEI 81:157-167. 163 (MRA 17:7)

GERCHIKOV, D.S., kand.tekhn.nauk; IGNAT'YEV, O.M.; ILYK, K.V.

Using inclined gamma-ray beam in determining the interface between liquid metal and slag. Avtom. i prib. no. 1:61-62 Ja-Mr 164. (MIRA 17:15)

ANBINDER, Ya.Ye. [Anbinder, IA.IE.]; SHPAKOVSKIY, N.Ye. [Shpekcvs'ky1, N.E.];
DARBINYAN, S.A.; KOMAROV, V.V.; KOMAROVA, T.V.; KOZLOV, Yu.A.; KOMOKOTIN,
L.P.; ZEREKIDZE, V.M.; SHULYATITSKIY, S.M. [Shyllatyts'ky1, S.M.];
KHODURSKIY, Ye.A. [Khodurs'ky1, IE.A.]; OBUSHINSHIY, Yb.I. [Obushyns'ky1,
IE.I.]; GVOZDIK, A.A. [Hvozdyk, A.A.]; NIKITINA, M.A.; LUPASHKO, N.F.;
BESKROVNYY, M.N.; TSIMBLER, M.Ye. [TSymbler, M.TH.]; ILYM, A.N.; TOTADZE,
P.M.; ZHIGURS, Kh.Yu.; ZAKREVSKIY, Ye.S. [Zakrevs'ky1, IE.S.];
FEDOROVICH, A.G. [Fedorovych, A.H.]; CHALENKO, D.K.; KHCMUTOV, D.A.;
SKURIKHIN, I.M.; NILOV, V.I.; YEFIMOV, B.N. [IET!MOV, B.N.]; KAZANOVSKIY,
V.S. [Kazanovs'ky1, V.S.]; ZOTIKOV, L.S.; KOCHURENKO, M.A.

Soviet certificates of invention. Khar. prom. no.2:57-59 Ap-Je *65. (MIRA 18:5)

E # F(d) / E # F(m) / E # F(w) / E # F(w)- IJP(c) L-01093-67 ACC NR AP6026338 SOURCE CODE: UR/0145/66/000/003/0030/0035 AUTHOR: Ilyshev, V. M. (Aspirant) ORG: None TITLE: Natural cacillations of a two-layered circular cylindrical shell with connectors SOURCE: IVUZ. Mashinostroyeniye, no. 3, 1966, 30-35 shell theory, cylindric shell structure, elasticity, free oscillation ABSTRACT: The author considers natural oscillations in a system of two closed coaxial circular cylindrical shells of differing thickness interconnected by a rather large number of identical equidistant rods (see figure). It is assumed that the relative thickness H/R is negligible in comparision with unity and that displacement of points is small in comparision with the thickness of either shell. Deformations are elastic and the materials of the shells and elastic connections are different and iso-

tropic. The Kirchhoff-Love hypothesis is used for the inner and outer shells. Each rod is taken as approximately equal to H in length. The rods are assumed to be absolutely rigid with respect to shear and tension. Rotational inertia of the rod about axis Os is disregarded. The discrete rod connections are replaced by some continuous medium which is equivalent to the rods from the energy standpoint. The standard methods

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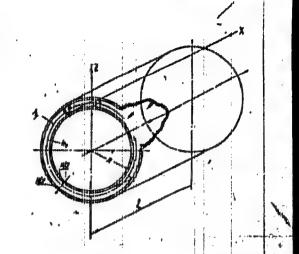
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ACC NRI AP6026338

of variational calculus are used to derive a system of five partial differential equations of the ninth order and two methods for simplifying this system are discussed. The applicability of the simplified systems is discussed from the standpoint of energy error. This paper was presented for publication by Professor V. V. Bolotin, Doctor of technical sciences, Moscow Power Engineering Institute. Orig. art. has: 2 figures, 10 formulas.

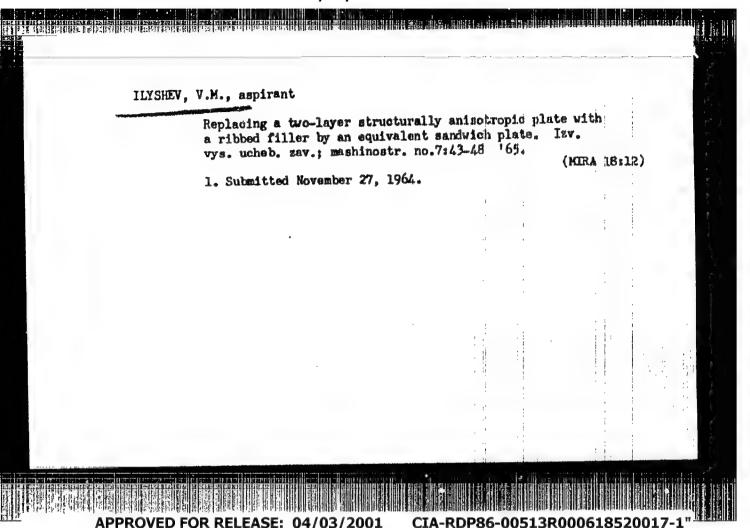


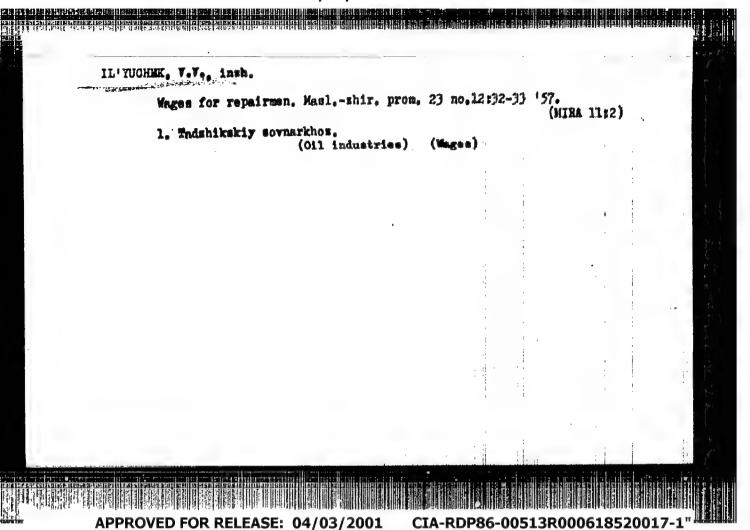
BUB CODE: 20/ SUBM DATE: 17Nov65/ ORIG REF: 008/ OTH REF: 002

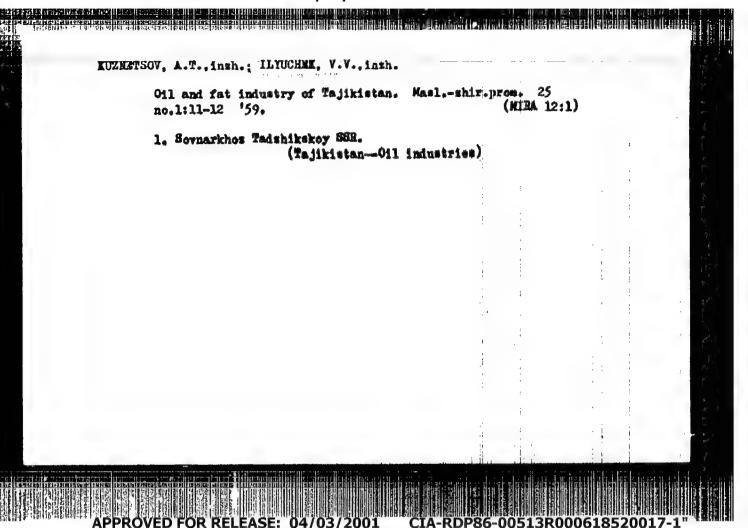
Card 2/2

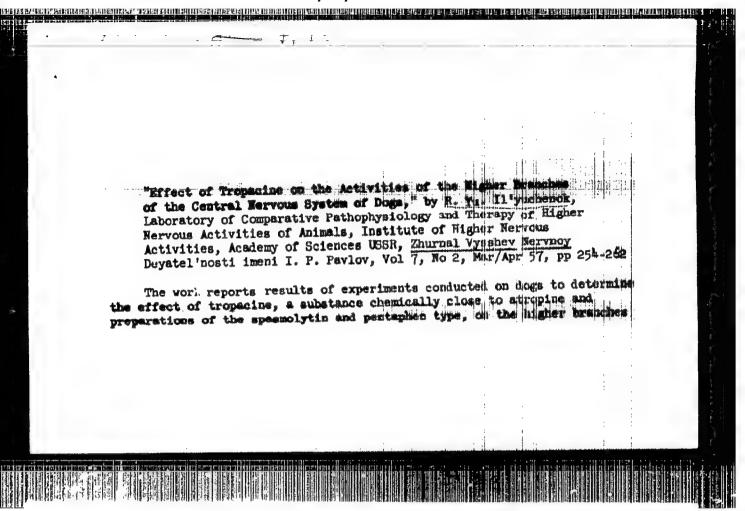
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of the central nervous system. The Paylor could thought fond will set beth was used in the experiments. Tropacine in doses of 0.002, 0.003, 0.005, 0.007, 0.01, 0015, 0.02, 0.025, 0.05, 0.1, 0.25, 0.3, 0.5, 1.0, and 2.5 milligrams per kilogram body weight was administered to physiologically normal dogs, and to dogs with experimental neuroses. The investigations established: (1) small doses of tropacine--0.003---0.1 milligrams per kilogram body weight--produced a brief and inappreciable intensification of conditioned food reflexes without disturbing differentiation functions; (2) the administration of optimal doses of the drug -- 0. X/5 -- 0.25 milligrams per kilogram body weight--caused a considerable rise in the intensity of the food conditioned reflexes; a twofold and praticularly, a tenfold increase in the maximal dose produced a considerable decrease in aconditioned reflexes, an increase in the latent period, and the development of phase phenomena; (3) the daily administration of optimal doses of tropacine for a period of 15 days caused a rise in the conditioned reflexes, a diminution in their latent period, and disturbance of the differentiation functions; and (4) the application of tropacine in experimental neuroses had a positive therapeutic effect and contributed to the normalisation with higher nervous activities. (U)

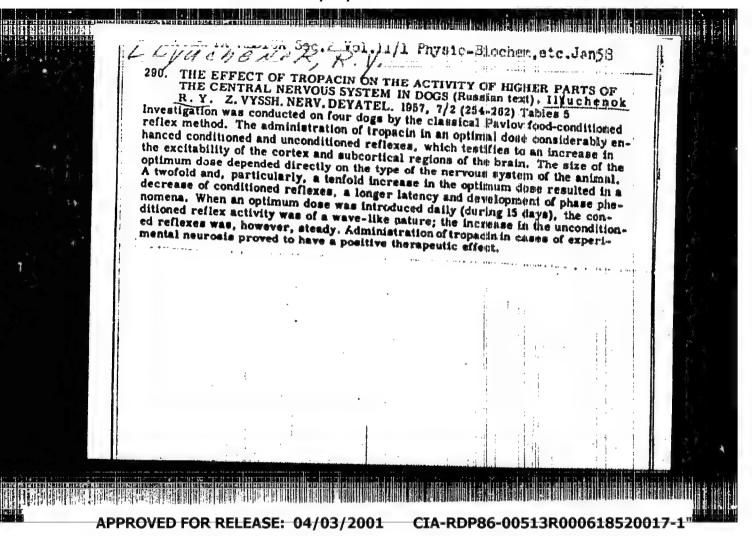
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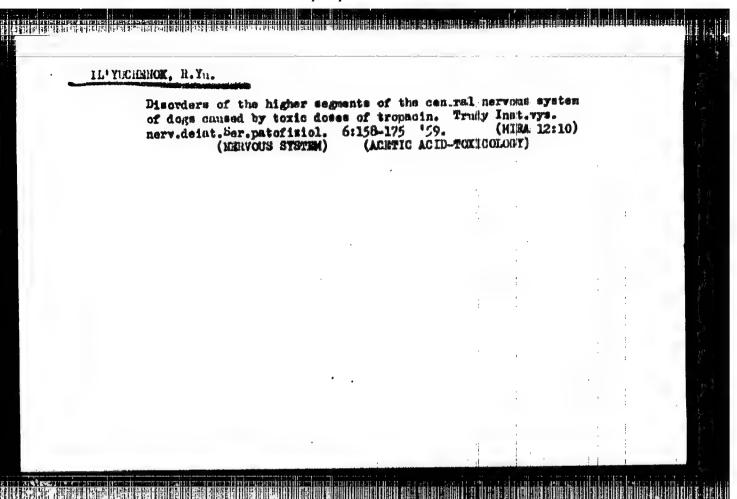
Branch Influence Exercised by "Tropazine" on the Activity of the Highart Upper Sections of the Central Nervous Systems of Dogs and Its Therapeutic Effect in the Case of Experimental Neurosis."

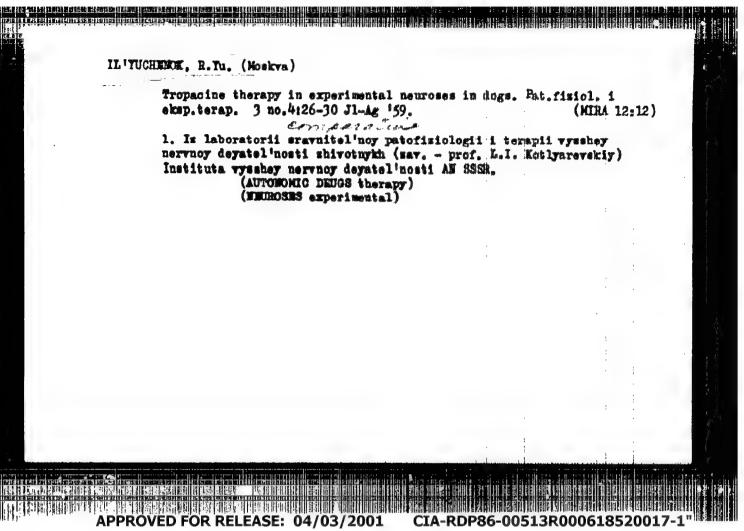
dissertation defended for the degree of Candidate of Medical Sciences at the Inst. for Higher Nervous Scivity.

Defense of Dissertation (Jan-Jul 1957)
Sect. of Biological Sciences
Vest. AN SSSR, 1957, v. 27, No. 12, pp. 115-117

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IL'TUCHRIOK, R.Yu. Mffect of iprazid on the biselectric stivity of the brain. Emr.nevr. i psikh. 59 no.81972-980 '59. (MIRA 12:12) 1. Otdel farmkologii (sav. - prof. W.D. Mashkovskiy) Vsecoyusnego nauchno-iseledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordshonikides, Moskva. (ELECTROMICEPHALOGRAPHI, pharmacel.) (IPROSIAZID pharmacel.)

IL'YUCHENOK, R.Yu; MASHKOVSKIY, M.D.

Electrophysiological data on choline-reactive elements of the reticular formation of the brain stem. Fiziol.zhur. 47 no.ll: 1352-1359 N'60. (MIRA 14:11)

1. From the Laboratory of Pharmacology, Chemico-Pharmacoutical Research Institute, Moscow. (BRAIN) (CHOLINE) (PARAS HPATHOMIMETICS)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618520017-1"

IL TUCHENOK, R. Yu.

Comparative studies on the effect of aminasine and propagine on the bicelectric acitvity of the brain. Zhur. nerv. 1 psikh. 60 no. 2:202-209 '60. (MIRA 14:4)

1. Otdel farmakologii (sav. - prof. M.D. Mashkovskiy) Vsesoyuznogo mauchno-issledovatel skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze, Moskva.

(PHENOTHIAZINE) (CHLORFROMAZINE) (ELECTROENCEPHALOGRAPHY)

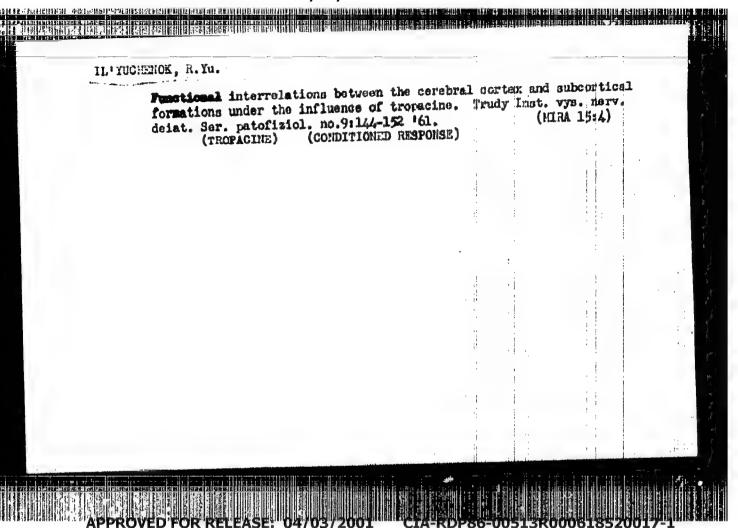
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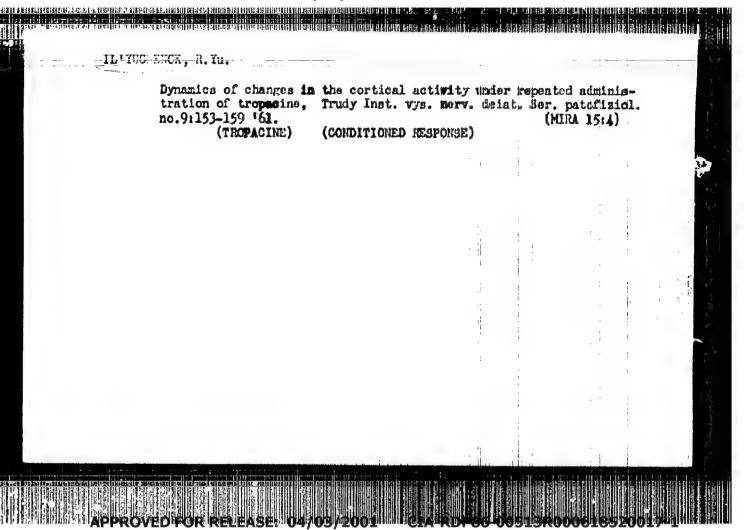
ILYUCHENOK, R.YU.

"The role of cholinergic systems of the brain stem reticular formation in the mechanism of central effects of anticholinesteras; and cholinolytic drugs."

Report submitted for the 1st Intl. Pharmacology Meeting Stockholm, Sweden 22-85 Aug 1961.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618520017-1"





IL'YUCHENOK, R.Yu.; OSTROVSKAYA, R.U.

Effect of diprasine on the electrical activity of the brain.
Farm.i toks. 24 no.1:18-22 Ja-F '61. (MIRA 14:5)

1. Laboratoriya farmakologii (sav. - prof. M.1).Mashkovskiy) Vsesoyuznogo nauchno-issledovatel'skogo khim‡ko-farmatsevticheskogo instituta imeni S.Ordzhonikidze.
(PHENOTHIAZINE) (BLECTROENCEPHALOGRAPHY)

IL YUCHEMOK, R.Yu.: MASHKOVSKIY, M.D. Correlation of anticholinesterase substances (gallanthiamine and eserine) with cholino- and adreno-lytics in the region of the reticular formation of the brain stem. Farm. f toks. 24 no.4: 403-410 J1-Ag '61. (MIRA 14:9) 1. Laboratoriya farmakologii (sav. - prof. M.D. Mashkovskiy) Vsesoyuznogo nauchno-issledovatel skogo khimiko-farmatsevtickeskogo instituta imeni S. Ordzhonikidze, Moskva. (PHYSOSTIGMINE) (GALANTHAMERE) (BRAIN) (PARASIMPATHOLITICS)

CIA-RDP86-00513R000618520017-1

"APPROVED FOR RELEASE: 04/03/2001 TO THE REPORT OF THE PROPERTY LIBERAN, S.S., ILIYUCHENON, R.Yu. Influence of the "loading" of dialkylaminosthily radical on the pharmacological properties of benzilic acid enters. Farm. 1 (MIRA 14:9) toks. 24 no.4:432-436 J1-Ag 161. 1. Laboratoriya farmakologii (sav. - prof. M.D. Mashkovakiy) Vsesoyuznogo nauchno-issledovatel skogo khimiko-farmailsevicheskogo instituta imeni S.Ordzhonididze. (PARASYMPATHOLYTICS) (BENZILIC ACID)

MASHKOVSKIY, M.D.; IL'YUCHENOK, R.Yu.

A DESCRIPARA SENSORAL DE SE LOS RESPONSADOS CON COSASES A DARE SANDONO DO CONTROL DE CON

Effect of galanthamine on the central nervous system. Zhur.nevr.i psikh. 61 no.2:166-175 '61. (MIRA 14:6)

l. Laboratoriya farmakologii (sav. - prof. M.D.Mashkovskiy)
Vsesoyusnogo nauchmo-issledovatel skogo khimiko-flarmatsevticheskogo
instituta, Moskva.

(BRAIN) (GALANTHAMINE)

MASHKOVSKIY, M.D.; IL'YUCHENOK, R.Yu.

Comparative effect of some derivatives of phenothiasine on the electroencephalogram. Zhur. nevr. i psikh. 61 mo.12:1836-1841 [61.

l. Laboratoriya farmakologii (sav. -- prof. M.D. Mashkowskiy) Vsesoyusnogo nauchno-issledovatel skogo khimiko-farmatsevticheskogo instituta, Moskwa. (ELECTROENCEPHALOGPAPHY) (PHENOTHIAZINE)

IL'YUCHENOK, R.Yu.; OSTROVSKAYA, R.U.

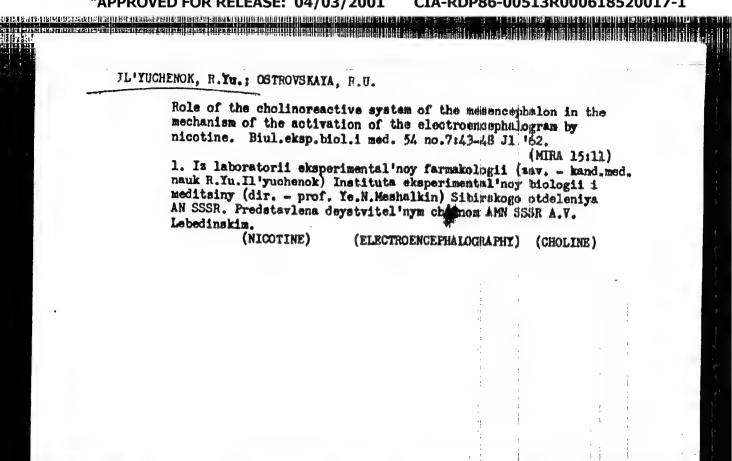
Participation of the mesencephalic reticular formation in the mechanism of the activating effect of arecolins and the blocking action of cholinolytic substances. Farm. i toks. 25 no.4:401-410 J1-Ag *62. (MIRA 17:10)

1. Laboratoriya farmakologii (sav. - kand. med. muk R.Yu. Il'yu-chenok) Instituta eksperimental'noy biologii i meditsiny Sibirskogo otdeleniya AN SSSR.

IL'YUCHENOK, R.Yu.; OSTROVSKAYA, R.U.

Choline-reactive structures of the mesencephalon; a pharma-cological study. Farm. i toks. 25 no.6:643-651 N-D *62.

l. Laboratoriya farmakologii (sav. - kand. med. mauk R.Yu.
Tl'yuchenok) Instituta eksperimental'noy biologii i meditsiny
Sibirskogo otdeleniya AN SSSR.



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AUTHOR:

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Mashkovskiy, M. D., Il'yuchenok, R. Yu. and Ostrovskayli, R. U. 1015/1215

TITLE: Effect of imizine on the bioelectric activity of the brain PERIODICAL:

Zhurnal nevropatologii i psikhiatrii imeni S. S. Korsakov, v. 62, no. 2, 1962, 178-182

TEXT: The experiments were carried out on rabbits (chronic experiments) and cats (acute experiments) without narcosis. The technique of measuring the bioelectrical activity is described. Imazine (tofranil) was injected intravenously (0.5-5.0 mg/kg/b.w.) The results showed that doses of 0.5-1.0 mg/kg of imizine did not markedly change the bioelectric activity of the cerebral background but did affect the cortical cells by increasing their functional lability. Doses of 3-5 mg/kg caused a decrease in the cortical cell functional lability and had a blocking effect on the reticular formation of the brain stem. The authors conclude that the changes in the functional state of CNS following administration of the drug may arise because of its effect on the cortical

ASSO IATION: Laboratoriya farmakologii (zav.—prof. M. D. Mashkovskiy) Vsesoyuzeogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta imeni S. Ordzhonikidze (Laboratory

of Pharmacology-directed by Prof. M. D. Mashkovskiy, All-Union Chemical Pharma-

ceutical Research Institute imeni S. Ordzhonikidze) Moscow SUBMITTED:

May 5, 1960

Card 1/1

IL YUCHENOK, R.Yu.; PASTUKHOV, Yu.F.

. O TOR DECEMBERATURS FOR BUREAU RITHER ENDER FOR ENGAGE FOR A BUREAU FOR BUR

Electrophysiological study of the effect of piridrol on the central nervous system. Zhur. nevr. i psikh. 62 no.12:1821-(MIRA 16:11)

l. Laborator (sav. = kand.med.nauk. R.Yu. Il'yuchenok) Instituta eksperimental noy biologii i meditsiny (dir. = prof. Ye.W.Meshalkin) Sibirskogo otdeleniya AN SSSR, Novosibirsk.

APPROVED FOR RELEASE: 04/03/2001

IL'YUCHENIK, R.Yu.; NAZAROV, L.A.

Correlation between serotonin and the central adrenoresponsive and cholinoresponsive systems in the mechanism of electroencephalogram activation. Dokl. AN SSSR 146 no.5:1237-1240 0 164. (MINI 15:10).

l. Institut eksperimental noy biologii i meditsing Sibirskogo otdeleniya AN SSSR i Institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom A.V. Palladinym.

(INDOLOL) (ELECTROENCEPHALOGRAPHY)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618520017-1

POPOVA, N.K.; IL'YUCHENOK, R.Yu.; SERGIYEVSKIY, V.S.

Role of monoamine oxidase inhibition in the antiarrhythmic effect of iprazid. Izv.SO AN SSSR no.8. Ser. biol.-med. nauk no.2:121-123 '63. (HERA 16:11)

l. Institut eksperimental noy biologii i meditsiny Sibirskogo otdeleniya AN SSSR, Novosibirsk.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618520017-1

IL'YUCHENOK, F.Yu.: "TVCYEVA, R.B.

Studies on the effect of adrence and cholinolytic drugs in the trigeminal section of the brain stem. Parm. 1 toks. 26 no.5:525-531 C-O *63.

Leboratoriys farmakologii (sav. - kand. med. nauk R.Yu. Il'yuchenok) Instituta eksperimental noy biologii i meditsiny Sibirskogo otdeleniya AN SSSR.

IL'YUCHENOK, R.Yu.; OSTROVSKAYA, R.U.

Study of the role of different segments of the central nervous system in the mechanism of the convulsant action of corazole. Biul. eksp. biol. i med. 55 no.3:55-60 km *63.

(HIRA 18:2)

1. Iz laboratorii farmakologii (zav. - kand. med. nauk R.Yu.

Il'yuchenok) Instituta eksperimental'noy biologii i meditsiny
(direktor - prof. Ye.N. Meshalkin) AN SSSR, Novosibirsk. Submitted March 20, 1962.

APPROVED FOR RELEASE: 04/03/2001

IL'YUCHENOK, R.Yu.; OSTROVSKAYA, R.U.; VINNITSKIY, I.M.

Effect of nanophin pachycarpine and gangleron on the activating and convulsive effects of nicotine. Biul. eksp. biol. i med. 56 no.11:85-89 O [i.e. N] *63. (MIRA 17:11)

1. Iz laboratorii farmakologii (zav. - kand. med. nauk R.Yu. Il'yachenok) Instituta eksperimental'noy biologii i meditsiny Sibirskogo otdeleniya AN SSSR, Predstavlena deystvitel'nym chlenom ANN SSSR V.V. Parinym.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618520017-1"

IL'YUCHENOK, R.Yu.; NAZAROV, L.A.

Mechanism of the effect of serotonin on the central mervous system. Dokl. AN SSSR 149 no.5:1217-1220 Ap 163. (MIRA 16:5)

l. Institut eksperiman hal noy biologii i meditsiny Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom V.N.Chernigovskim. (SEROTONIN) (ELECTROENCEPHALGGRAPHY)

 ZHUK, Ye.A.; POPOVA, N.K.; IL'YUCHENOK, R.Yu.; SHMERLING, M.D.; SERGITEVSKIY,

Electrocardiographic and morphologic characteristics of experimental acute coronary insufficiency during the action of hydrazine derivatives. Pat. fiziol. i eksp. terap. 8 no.5:36-41 S-0 '64. (MIRA 18:12)

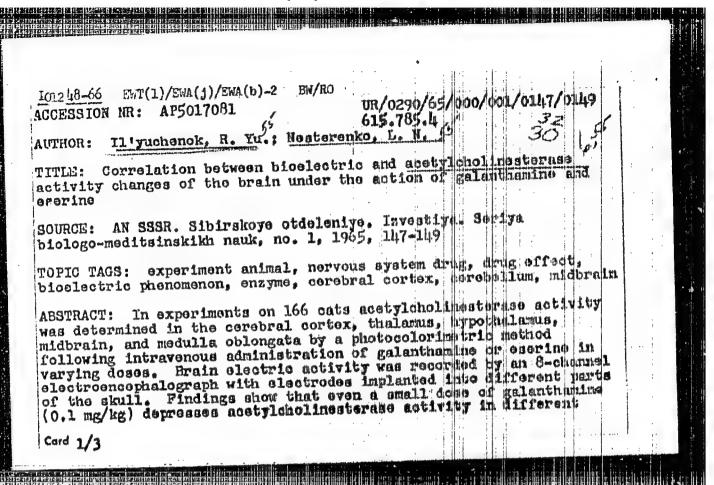
1. Otdel eksperimental'nov biologii (zav. - doktor med.nauk B.B.Fuks) Instituta teathlegii i genetiki Sibirskogo otdeleniya AN SSSR; Novosibirskiy universitet, Institut eksperimental'noy biologii i meditsiny Ministerstva Edravookhraneniya RSFSR, Novosibirsk. Submitted June 25, 1963.

POPOVA, N.K.; IL'YUCHENOK, R.Yu.; SERGIYEVSKIY, V.S.

Antifibrillation properties of some hydrazine derivatives. Farm. 1 toks. 27 no.4:454-457 Jl-Ag '64.

: (MIRA 17:11)

l. Laboratoriya farmakologii (zav. - kand. med. nauk R.Yu. Il'yu-chenok) i eksperimental'no animal'naya laboratoriya (zav. - kand. med. nauk V.S. Sergiyevskiy) Instituta eksperimental'noy biologii i meditsiny Sibirskogo otdeleniya AN SSSR, Novosibirsk.



L0:218-66

ACCESSION NR: AP5017081

parts of the brain, mostly in the cerebral cortex and meltilla oblongata and to a much lesser degree in the midhrwin. As for bioelectric activity, no statistically reliable dranges were found with galanthamine doses up to 3 mg/kg. Larger doses (to 9 mg/kg) significantly depressed acetylcholinesterase activity in all parts of the brain except the midbrain. The bideleptric activity changes following larger dose administration accurately reflected the acetylcholinesterase changes. Similar results word found with esertine administration (in doses 10 to 12 times smaller). These data suggested that the activating effect of anticholinesterese substances is based specifically on depressed acetylcholines drag activity of the midbrain. To test this hypothesis, additional experiments were carried out on cats with a premesonchephalic section. With galanthamine and eserine administration, the degree of acetylcholing esterase activity depression in all parts of the train, including the parts above the section, was found the same as for animals with an intact brain. However, the anticholinesterase substances did not produce any EEG activity. Thus, bicelectric activation apparently requires blocking of the enzyme in the midbrain, in addition to depression of acetyloholinestersse activity in the diendephalon and

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ILIYUCHENOK, R.Yu., kand.med.nauk; VINNITSKIY, I.M.

Antispasmodic effect of buxamine. Farm. 1 toks. 28 no.5:530-533 S-0 '65. (MIRA 18:12)

1. Laboratoriya farmakologii (zav. - kand.med.nauk R.Yu. Il'yuchenok) otdela eksperimental'noy biologii Instituta tsitologii i genetiki Sibirskogo otdeleniya AN SSSR, Novosibirsk. Sulmitted March 2, 1964.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618520017-1

IL'YHCHEROK, R.Yu.; MATVEYEVA, R.B.

Participation of M-choline-reactive systems in the mechanism of the central action of aminazine. Farm. 1 tok., 28 no.61643-646 N-D '65.

1. Laboratoriya farmakologii (zav. - kand.med.mauk R.Yu. Il'yuchenok) otdeln eksperimental'noy blologii Instituta tsitologii i genetiki Sibirskogo otdeleniya AN SSSK, Novosibirsk.

NAUMENKO, Ye.V.; IL'YUGHENOK, R.Yu.; NESTERENKO, L.N.

Effect of nivaline on the hypophysial-adrenal system. Farm. 1 toks. 28 no.6:659-662 N-D '65. (MIRA 19:1)

1. Imboratoriya farmakologii (zav. - doktor mad.mauk R.Yu. Il'Juchenok) otdela eksperimental'noy biologii i patologii Instituta tsitologii i genetiki Sibirskogo otdeleriya AN SSSR, Novosibirsk.

APPROVED FOR RELEASE: 04/03/2001

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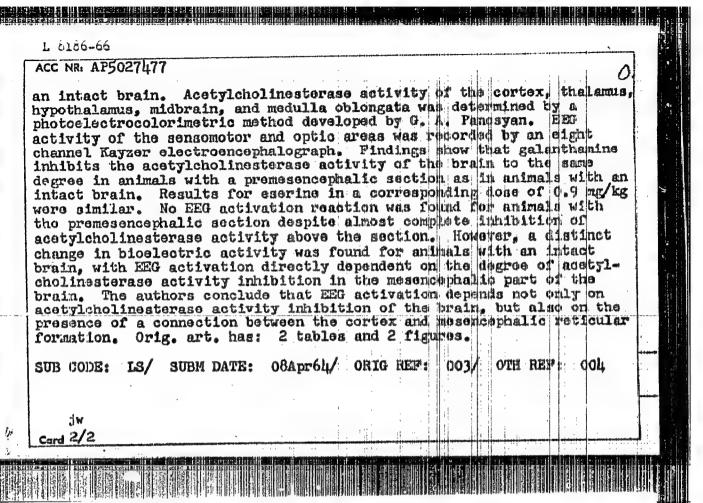
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	1 23701-66 EWT(1)/T JR
	ACC NR, AP6004832 SOURCE CODE: UR/D239/45/043/010/013/010/01
	AUTHOR: Il'yuchanok R. V V.
	OFIG: Pharmanal 1
	OFG: Pharmacologic Laboratory of the Department of Experimental Biology SSSR. Novosibinak (Tobas of Cytology and Genetical Silventon Department)
-	and Pathology, Institute of Cytology and Genetical State In Division And Diologii I pathologii Institute of Gytology and Genetical State In Division And Diologii I pathogii Institute Sitologii I genetici Cide la elsperimental roy
	blologii i patologii Instituta tsitologii i genetiki Sibirakogo
	TITLE: Participation of the acetylcholine-cholinester and system in the
·	SOURCE: Fiziologicheskiy zburnal SSSR, v. 51, no. 10, 1965, 1177-1181
- 1	#VALU IRITOR Armonalment a .
- 1	A Second
. 1:	ABSTRACT: A combined study on EEG effects of acetylogical restances
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	prain activity and brain areas and the relationship to brain areas
	DE VIII DEPOT CONTRACTOR A A CARE LE
1	oblongata. Electrodes were introduced into the sestions corresponding
	Cord 1/2 UDC: 612.815+612.826

1, 23701-66

ACC NR: AP6004832

Eserine and dilenthamina were to sensomotor and visual cortex areas. introduced intravenously. Results revealed parallelism between gradual depressant effect on acetylcholinesterase, bloeledtrip brain activity and animal behavior, particularly pronounced with gallinthamine at a 3-5 mg/kg dose; a similar effect was obtained with espaine at 1/10 this dose accompanied by rapid, low amplitude bloeler ric activity. These changes were seen when acetylcholinesterase activity and been reduced to 8.8% in the hemispheres, 50.9% in the thelamus, 13.9% in the hypothelamus, 41.3% midbrain and 36.5% medulla phlongate. A comparison of these effects with the effects of proserine introduced intravenously and into the lateral ventricles of the brain supports the assumption that proserine does not penetrate the hematoence half t barrier; applied into the ventricles, proserine had the same effect as the other emines. With ten-fold inhibitor doses subcortical acetylpholinesterase activity, while depressed, remained at a high level. In tasts with gradual resection of the brain stem and parallel determination of acetylcholinesterase under inhibitor effect, an attempt was made to determine the part of the stem to which reticuld cortical activation is related. Absence of EEG activation appeared only when the midbrain was removed. It was concluded that cortical activation is related to the degree of acetylcholinesterase depression in the mesancephalic part of the brain. Orig. art. bas: 2 figures. OTH REF: ool./ O6May64/ ORIG REF: SUB CODE: _,06/ SUBM DATE:

(I)THE\S-(d)AWE\(L)AWE RO L 8136-66 UR/0219/65/060/010/0057/0060 SOURCE CODE: ACC NR: AP5027477 Iltyuchenok, R. Yu.; Nesterenko, L. N. AUTHOR: ORG: Pharmacology Laboratory of the Department of Experimental Biology and Pathology of the Cytology and Genetics Institute of the Siberian Branch AN SSSR, Novosibirsk/ Laboratoriya farmalologii Otdela eksperimental noy biologii 1 patologii Institute taliclogii 1 genetiki Sibirskogo otdeleniya AN SSSR) TITLE: Effects of eserine and galanthamine on getylcholinesterage and bioelectric activity of the brain in animals with a premesence phalic section SOURCE: Byulleten' eksperimentalmoy biologii i meditainy, v. 60, no. 10. 1965, 57-60 TOPIC TAGS: experiment animal, nervous system drug, enzyme, electroencephalography, brain tissue, midbrain, cerebral cortex, bioelectric phenomenon, colorimetric analysis ABSTRACT: Effects of anticholinesterase preparations on acetylcholinesterase activity and bicelectric activity of the brain were studied in a series of experiments on cats. Galanthamine () mg/kg) and eserine (0.9 mg/kg) were administered intravenously to groups of animals with UDC: 615.785.4-092.259:612.826+612.826 1/.13-189.856 612.822 0225



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USSR/Pharmacology. Toxicology. Cholinergic Drugs

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37536

Author Inst

: Il yuchenok T. Yu. MINSK STORE MEDICAL INTITUTE. - HALLETTON

: Effect of Organophophorus Compounds on Saliva-Title tion and Intestinal Secretion (Vliyaniye fosfo-

rorganicheskikh soyediniy na slyunootdeleniye i

kishechnuyu sekretsiyu).

Orig Pub *: V sb: Khimiya i primeneniye fosfororgan. Soyedi-neniy. M., AN SSSR, 1957, 318-322. Diskus. 323

: The quantity and solid residue of saliva in dogs Abstract

fed 2 g of powdered sugar were determined in the isolated ducts of the parotid and submaxillary glands. The Borisov and Rozingart method of determination of the activity of cholinesterase was

used. The Tiri-Vella method was used to study the

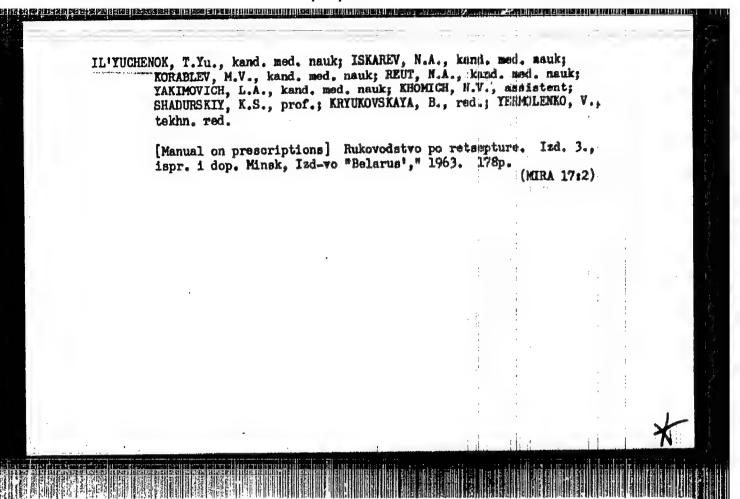
Card 1/3

* Also was presented at the FACT GNEBRENGE ON PERIPHORES COMPOUNTS, HALD AT KAZAN, 8-10 DECEMBER,

USSR APPROVED FOR RELEASE: 04/03/2001 CIA-RDI CIA-RDP86-00513R000618520017-1 IL YUCHENOK, T.Yu. Hypotensive action of BAS preparation 1-bensyl-2-methyl-5-methoxy-tryptamine. Zdrav. Bel. 7 no.3:25-30 Mr '61. (MIRA 14:3) 1. Kafedra farmakologii (saveduyushchiy - prof. K.S.Shadurskiy) Minskogo meditsinskogo instituta.
(INDOLE) (HYPERTENSION)

IL'YUCHENOK, Tat'yana Yulianovna, kand. med. nauk; ISKAREV, Nikolay
Afanas'yevich, kand. med. nauk; SHADURSKIY, Konstantin
Stanislavovich, prof., doktor med.nauk; YAKIMOVICH, Leonid
Aleksandrovich, kand. med.nauk; GES', N., red.; VARENIKOVA, V.,
tekhn. red.

[Pharmacology; a course of lectures] Farmakologiia; kurs lektsii. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1963. 346 p. (MIRA 16:9) (PHARMACOLOGY)



VINOGRADOVA, Ye.V.; GRINEV, A.N.; DANUSEVICH, I.K.; DEIK, M.F.; DUBOVIH, B.V.; ZAKHAREVSKIV, A.S.; IL:XUCHENOK, I.K.; KOST, A.N.; MARTINOVICH, G.I.; MIKLEVICH, A.V.; PIL:TIYENKO, L.F.; RACHKOVSKAYA, I.V.; REUT, N.A.; TALAPIN, V.I.; TAMARINA, N.Z.; TERENT'YEV, A.P.; SHAEURSKIY, K.S.

Research on pharmacological agents with prolonged hypotensive action. West. AMN S SSR 18 no.1:69-86 163. (MIRA 16:2)

1. Iaboratoriya spetsial'nogo organicheskogo minteza khimicheskogo fakul'teta Moskovskogo gosudarstvennogo universiteta imeni Lomonosova i kafedra farmakologii Minskogo meditsinskogo instituta.

(HYPOTENSION) (INDOLE)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618520017

Ž.	L 14150-66 EWT(m) ACC NR: AP6001319 SOURCE CODE: UR/02+8/65/000/009/0055/0058
•	AUTHOR: Grinev, A. N.; Il'yuchenok, T. Yu.; Lepekhin, V. 14; Schourskiy, C. S.
	ORG: Institute of Medical Radiology, ANN SSSR, Obninsk (Institut meditainshoy radiologii ANN SSSR)
	TITLE: Loss of hypotensive activity by 5-hydroxyindole derivatives in irradiated animals
	SOURCE: AMN SSSR. Vestnik, no. 9, 1965, 55-58
	TOPIC TAGS: serotonin, radiation drug, radioprotective againt
	ABSTRACT: A hypotension lasting from 32 to 77 days following administration of eighteen indole derivatives was established in rats of the August strain. Preliminary exposure of the animals to 300 or 600 rads of external radiation altered the
	hypotensive effect of the drugs considerably. A 300 rad done included the duration of the
	effect of compound ORF-50. The hypotensive effect was indicated the blood pressure remained steady and within normal limits. The blood pressure
	UDC: 615.7-092.25 : 617-001.28

sure of irradiate tended to drop. which the 5-hydro art. has: 2 figu	oxyindole deriv						y
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9,2540 (1020,1138,1159)

Veksler, G.S. and Il'yuk

AUTHORS: TITLE:

Beam Tetrode as the Series Tube in an Electronic

Stabilizer

REPIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiotskhnika,

1960, No.3, pp.402-403

In order to obtain a large stabilization factor K and a low output impedance in an electronic voltage stabilizer with a series tube, it is desirable to employ a tube with a high amplification coefficient μ and a low internal resistance R_{\pm} . However, the triodes which are normally used as the series tubes do not meet these requirements. Also the use of pentodes is not satisfactory since their internal resistance: Ri is high. 工化 主席 suggested, therefore, that a beam tetrode (or pentode) should be used provided its operating conditions are chosen in such a manner that it operates below the knee of its anode characteristics where the internal resistance is comparatively low. Such a tetrode should work at anode voltages of about 20 to 40 V and its screen grid should be stabilized at a suitable voltage to ensure that the

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86799 2/142/60/000/003/014/017 B192/B482

Beam Tetrode as the Series Tube in an Electronic Stabilizer

device works as a tetrode (or pentode). tube is suitable for this purpose and it is necessary to choose Unfortunately, not every such tetrodes whose characteristics diverge in a fan-like manner at the voltages below the knee. A stabilized circuit based on a beam tetrade operating with a fixed screen-voltage is shown in Fig. 2. The normal operating conditions for this stabilizer are: input voltage - 360 V, output current - 75 mA; is waried from 320 to 420 V, the output voltage changes by less if the input voltage. The stabilization factor of the device is K = 188, The performance of this device was compared with a normal stabilizer using a triode as the series tube. It was found that the stabilization factor in this case was K = 51. 3 figures and 1 non-Soviet reference. There are

ASSOCIATION: Kafedra kinotekhniki Kiyevskogo ordena Lenina pelitekhnicheskogo instituta (Department of Cine-Technics of Kiyev "Order-of-Lenin" Polytechnical Institute)

SUBMITTED: Au

August 28, 1959

IL'YEKEVICH, L.A.1 SHAGISULTANOVA, G.A.

Interaction of cupric chloride and bromide with trimsthylamine hydrochlcride. Zhur. neorg. khim, 8 no.10:2308-2313 0 '63, (MIRA 16:10)

(Copper halides) (Trimethylamine)

IL'YUKEVICH, L.A.; POZNYAK, A.L.; SHAGISULTANOYA, G.A.

Electron paramagnetic resonance in some copper compounds. Zhur.
strukt.khim. 4 no.6:919 N-D '63. (MIRA 17:4)

1. Belorusskiy gosudarstvennyy universitet imeni Lenina.

POZNIAK, A.L.; TADEUSH, V.N.; IL'TUKKVICH, L.A.

Electron paramagnetic resonance of copper complex compounds in
the 8 mm. range. Zhur.struktskhim. 6 no.51779-731 H-O '65.

(MIRA 18:12)

1. Belorusskiy gosudarstvennyy universitet imeni V.I.lenina.
Submitted March 1, 1965.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618520017-1"

SHAOISULTANOVA, G.A.; IL'YUKEVICH, L.A.; BURDYNO, L.I.

Effect of Y. And ultraviolet radiation on copper glycocholate.

Zhur.fiz.khim. 39 no.11:2730-2734 N '65.

(MIRA 18:12)

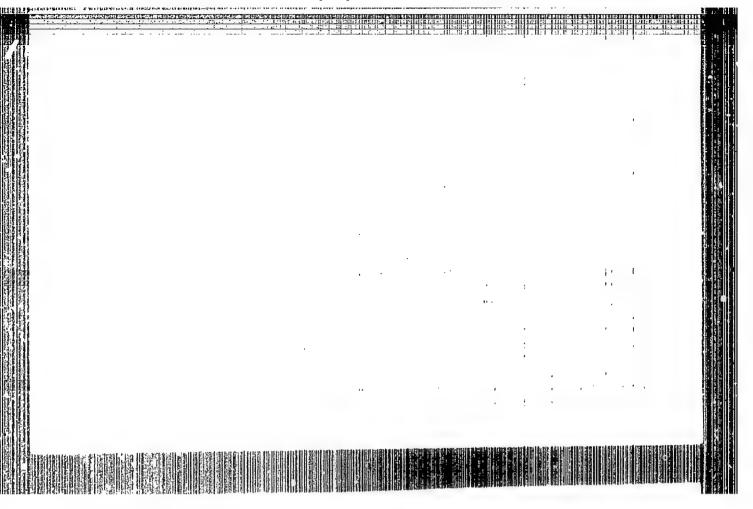
1. Belorusskiy gosudarstvennyy universitet imeni V.I.Lenina.

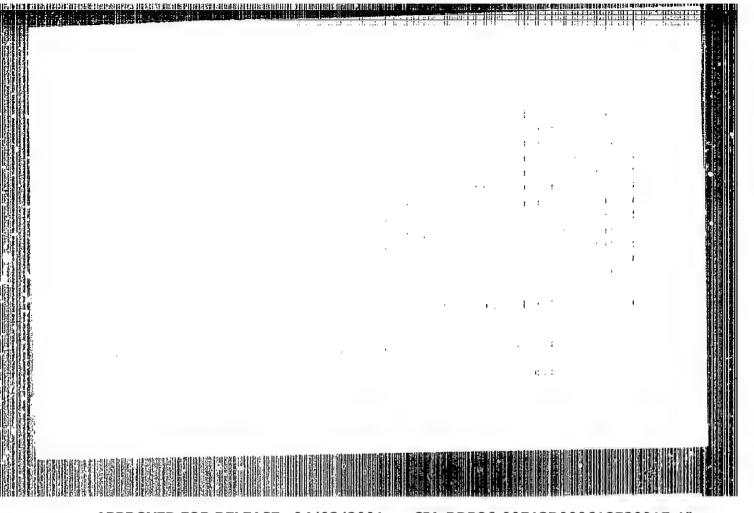
SHAGISULTANOVA, G.A.; IL'YUKEVICH, L.A.; EURDYKO, L.I.

Dimethylammonium chlorocuprates. Zhur. neorg. khim. 10 no.2r
425-428 F '65. (MIRA 18:11)

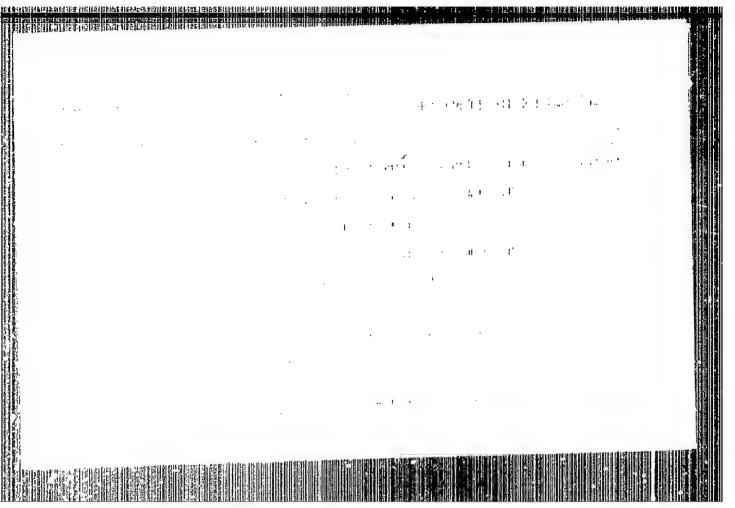
1. Submitted July 18, 1963.

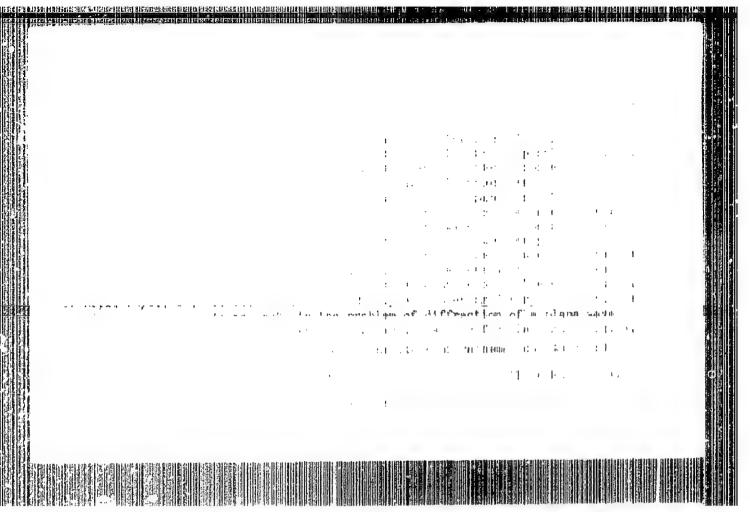
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BELOUSOV, I.A., mashinist teplovoza; FOKIN, M.D., kand.tekhn.hauk;
ILYUKHIN, A.A., mashinist-instruktor; GUREVICH, A.N., kand.tekhn.

Reply to the inquiries of our readers. Elek. i tepl. tiaga no.1:42-43 Ja '61. (MIRA 14:3)

1. Depo Kazalinsk Kazakhskoy dorogi (for Belousov). 2. Depo Krasnoufimsk Kazanskoy dorogi (for Ilyukhin). (Railroads—Brakes)

28709

8/021/61/000/008/004/011 D210/D303

16.3400

Ilyukhin, A.H.

TITLE:

AUTHOR:

On reducing a system of ordinary differential

equations containing a parameter

PERIODICAL:

Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no.8,

1961, 998-1000

TEXT: The author considers a system of linear differential equations

> $\frac{dy}{dt} = A(\tau, \epsilon)y$ (1).

where y is an n-dimensional vector, $\mathcal{T} = \mathcal{E}^{\sigma} t$ - the "slow" time, \mathcal{E} - a small positive parameter, σ - a positive integer, $A(\mathcal{T},\mathcal{E})$ - a matrix of the order n, differentiable any number of times with respect to 2 in the domain

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$$0 \leqslant \tau \leqslant L, \ 0 < \varepsilon \leqslant \varepsilon_0 \tag{2}$$

Let $A(\mathcal{T}, \mathcal{E})$ have the form

$$A(\mathcal{T}, \varepsilon) = \sum_{\mathbf{v}=0}^{\infty} \varepsilon^{\mathbf{v}} A^{\mathbf{v}}(\mathcal{T})$$
 (3)

 $A^{\mathbf{v}}(\mathcal{T})$ being matrices differentiable any number of times in the domain (2). It will be supposed that the roots of the characteristic equation

$$Det / |A^{O}(T) - \lambda E| = 0$$
 (4)

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 $\lambda_1(T)$, $\lambda_2(T)$,... $\lambda_n(T)$ can be divided into a classes (skn) in such a way that the roots from different classes do not intersect anywhere in the domain (2), i.e. are not equal to each other. Each

class will contain n; roots, it being $\sum_{i=1}^{n} n_i = n$. The problem of

reducing system (1) to almost diagonal form consists in finding a matrix $Q(\mathcal{T}, \mathcal{E})$ of nth order, differentiable with respect to any number of times. It can be shown that the problem of justifying the well-known formal process of constructing the said matrix $Q(\mathcal{T}, \mathcal{E})$ is connected with the problem of existence and uniqueness of solving a special system of ordinary non-linear differential equations with coefficients which depend on the small parameter

$$\frac{d\mathbf{v}_{\mathbf{j}}}{d\mathbf{t}} = \mathbf{f}_{\mathbf{j}}(\mathcal{T}, \mathbf{v}_{1}\mathbf{v}_{2}, \dots, \mathbf{v}_{m}, \mathcal{E}) \quad (\mathbf{j} = 1, \dots, m)$$
(9)

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The right hand sides in (9) are polynomials in v_1, v_2, \dots, v_m . The coefficients of the polynomials $f_j(\mathcal{T}, v, \mathcal{E})$ are, according to the assumption, differentiable with respect to any number of times and can be expanded into asymptotic series of power of \mathcal{E} in the domain (2). Neglecting the terms of $f_j(\mathcal{T}, v, \mathcal{E})$ with higher powers of v one obtains functions that are linear in v

$$\alpha_{j}(\mathcal{T}, \varepsilon) + \sum_{k=1}^{m} \alpha_{jk}(\mathcal{T}, \varepsilon) v_{k} \quad (j = 1, ..., m)$$
 (10)

In the present paper Sibuya's results (Ref. 2: Y. Sibuya, Journ. Pac. Science Univers. Tokyo 7, 527 (1958)) which had local character are slightly generalized. In the case of real T and £, the author succeeds in justifying the process of reduction for the

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On reducing a system ...

whole interval of variation of T[O,L]. Following theorem is valid: Suppose that

$$\mu_{j}(T) \neq 0 \quad (j = 1, ..., m)$$
 (12)

anywhere in the domain (2) and let

$$v_{j} = \sum_{v=1}^{\infty} p_{jv}(T) \varepsilon^{v} \quad (j = 1, ..., m)$$
 (13)

be a formal solution of the system (9) in which $p_{jv}(T)$ (j=1,...m; v=1,2...) are differentiable with respect to $\mathcal L$ any number of times. Then, if $\mathcal E_1 \leqslant \mathcal E_0$ is suitably chosen, in the domain,

 $0 \leqslant \tau \zeta L$, $0 < \varepsilon \leqslant \varepsilon_1$

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